

82523-1

05/19/2010

1/9

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



United States
Environmental Protection
Agency

Office of Pesticide Programs

MAY 19 2010

David Swan
Agent for Aeris Environmental LTD
Scientific & Regulatory Consultants, Inc.
P.O. Box 1014
Columbia City, IN 46725

FILE COPY

Subject: AerisGuard™ Bioactive Coil Treatment
EPA Reg. No. 82523-1
Application Dated: April 15, 2010
Receipt Date: April 19, 2010

Dear Mr. Swan:

The following notification submitted in connection with registration under the provisions of PR Notice 98-10, Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)9 is acceptable.

Proposed Notification:

- Revised label to add already approved language per EPA stamped label dated 6/18/07: "Up to 12 months", "Residual", "odor causing bactericide", "residual treatment", "solvent"

Comments:

Please remove the word "residual" preceding the word 'growth' as it was not approved per the above referenced EPA stamped label dated 6/18/07.

This application for notification to revise the label, as referenced above, is acceptable. A copy has been placed in our records for future reference.

Should you have any questions concerning this letter, please contact me at Henson.Wanda@epa.gov or call (703) 308-6345.

Sincerely,

Wanda Henson
Acting Product Manager (32)
Regulatory Management Branch II
Antimicrobials Division (7510P)



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 82523-1	2. EPA Product Manager E. Mitchell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) AerisGuard™ Bioactive Coil Treatment	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) Aeris Environmental Ltd. 5/26-34 Dunning Avenue Rosebery, NSW 2018 Australia <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of text additions through PR Notice 98-10 which were omitted in error in previous amendment. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA. Please contact David Swain at dswain@srconsultants.com or at 260-244-6273 (fax) with any questions.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container			
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container Quart, 1.32 gallon		5. Location of Label Directions <input checked="" type="checkbox"/> On label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name David Swain	Title Agent for Aeris Environmental Ltd.	Telephone No. (Include Area Code) (250) 244-6270
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
Signature 	3. Title Agent for Aeris Environmental Ltd.	
4. Typed Name David Swain	5. Date	

32

SRC

Scientific & Regulatory
Consultants, Inc.

April 15, 2010

Ms. Emily Mitchell, PM 32
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, 4th Floor
One Potomac Yard
2777 S Crystal Drive
Arlington, VA 22202

SUBJECT: AerisGuard™ Bioactive Coil Treatment
EPA Reg. No.: 82523-1

Dear Emily,

On behalf of our client Aeris Environmental LTD (Aeris), enclosed is a submission for AerisGuard™ Bioactive Coil Treatment (BACT, EPA Reg. No. 82523-1). **This is a notification per PR Notice 98-10. Therefore no PRIA fee is required.**

The purpose of this notification is to add already approved language which was omitted in error in the previous amendment. The highlighted text is language already approved with the EPA stamped labeling dated May 21, 2007 (attached). All additions are marked by red text in the Master Label. This notification is consistent with PR Notice 98-10, due to the typographical error of omitting approved text in the previous action (approved April 15, 2009).

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

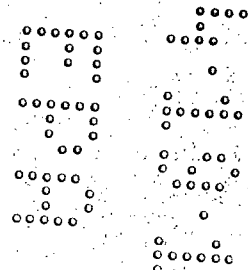
Please contact me at (260) 244-6270 or at dswain@srcconsultants.com if you have any questions about this registration.

Sincerely,



David Swain
Agent for Aeris Environmental LTD

cc: A Young



AERISGUARD™ BIOACTIVE COIL TREATMENT FOR TREATMENT OF AIR CONDITIONING HEAT EXCHANGE COILS

- [Effectively] [Controls] [Prevents] [Inhibits] the [residual] growth of [odor causing fungi][mildew][mold and mildew] [and odor causing bacteria] on HVAC coils
- Normally, infrequent application (6 months to 1 year) [up to 12 months] will provide effective control
- [This product is a] [Residual] [Fungistat] [mildewstat] [bacteriostat] [odor causing bactericide] [deodorizer]
- Effective [residual treatment] against mold and mildew [and odor causing bacteria]
- [Residual] Effectively controls mold [and odor causing bacteria] on HVAC coils
- For commercial, industrial and residential application by a service contractor
- Non-corrosive
- Reduces energy consumption
- Improves HVAC efficiency
- [Contains a] Color additive for visual identification

NOTIFICATION
 Date Reviewed: 5/19/2010
 Reviewed By: L.H. Smith

ACTIVE INGREDIENT:

5-chloro-2-(2,4 dichlorophenoxy) phenol.....	0.69%
INERT INGREDIENTS.....	99.31%
TOTAL.....	100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION

See back panel for first aid and additional precautionary statements

NET CONTENT:

Aeris Environmental LTD
 [ABN 19 093 977 336]
 5/26 – 34 Dunning Ave.
 Rosebery NSW 2018
 Australia

EPA Reg. No. 82523-1
 EPA Est. No.

[Re-Order Code: HHCT9501]

Note: Bracketed [] information is optional text. Text separated by a comma (,) denotes-and/or-options. {Bracketed Text} is for administrative purposes only and will not appear on the printed label.

Directions for Use

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

PLEASE REFER TO AERIS ENVIRONMENTAL STANDARD OPERATING PROCEDURE SOP 002 FOR FULL DIRECTIONS FOR USE.

AerisGuard™ commercial products are for use by Aeris Accredited Applicators only.

FIRST AID	
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none">• Call poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.
Wear goggles, gloves and half mask incorporating Class 2 (organic and gas vapour) filter.

DO NOT SMOKE DURING USE. Ensure all open electrical equipment in the immediate area is off.

ENVIRONMENTAL HAZARDS: Do not discharge effluent containing this product into lakes, streams, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product

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to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL HAZARD:

Flammable. Keep away from heat, open flame and sources of ignition.

STORAGE AND DISPOSAL: Store in tightly closed containers in cool, dry, isolated and well ventilated areas away from heat, sources of ignition and incompatible products. Store away from oxidizing agents. Keep container closed when not in use – check regularly for leaks. Do not eat, drink or smoke in areas of use or storage. Observe all regulations and precautions for the storage and handling of flammable products. Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Completely empty package. Triple rinse with water. Offer for recycling or reconditioning if available. Dispose of package in a sanitary landfill or incinerate if allowed by State and local authorities. If burned stay out of smoke. Do not reuse or refill empty container.

{New graphic}



719

AERIS ENVIRONMENTAL LTD			
BACT TREATMENT OF HEAT EXCHANGE COILS			SOP NO 002
PREPARED BY	CHECKED BY	SUPERCEDES <i>{version may change}</i> Version 3.7 USA	ISSUE DATE
M Heng	S Kritzler		<i>{insert appropriate date}</i>
STANDARD OPERATING PROCEDURE			Page 1 of 3

AerisGuard™ Bioactive Coil Treatment (BACT)
EPA Reg. No. 82523-1

1. SCOPE AND PURPOSE

To outline the direction for use of AerisGuard™ Bioactive Coil Treatment (BACT) on air conditioning heat exchange coils.

2. USUAL SAFETY PRECAUTIONS

Read the precautionary statements on the product label.

Ensure that the unit is "off line" during the entire process. This must be done by arrangement with the engineering staff at the site if necessary.

When isolating HVAC electrical energy systems adhere strictly to requirements of Occupational Safety and Health Standard 1910.147, entitled "The Control of Hazardous Energy (lockout/tagout)."

Avoid contact with eyes or clothing. Wear goggles, gloves, and a half face mask incorporating Class 2 (organic and gas vapour)-solvent filter.

NOTE: Other safety equipment may be required. Occupational Health & Safety requirements can vary geographically or by project nature.

Ensure adequate ventilation is available to reduce the concentration of vapors within the area being treated. Extinguish all forms of ignition sources such as pilot lights and boilers in proximity to the treatment area.

UNDER NO CIRCUMSTANCES IS SMOKING PERMITTED IN OR WITHIN 100 FEET OF THE HVAC FACILITY BEING TREATED.

3. PRINCIPLE OF METHOD

The method is based on the application of AerisGuard BACT to all surfaces of a heat exchange coil following cleaning with an appropriate non-corrosive coil cleaner. We recommend AerisGuard™ Advanced Coil Cleaner *{other product names may be used in addition to or in place of this product}*. The AerisGuard BACT treatment provides protection against the growth of odor causing bacteria, odor causing fungi, mold and mildew on HVAC heat exchange coils. Normally, infrequent application (6 months to 1 year) [up to 12 months] will provide effective control. The treatment is classed as a bacteriostat, fungistat and mildewstat.

8/9

AERIS ENVIRONMENTAL LTD			
BACT TREATMENT OF HEAT EXCHANGE COILS			SOP NO 002
PREPARED BY	CHECKED BY	SUPERCEDES <i>{version may change}</i>	ISSUE DATE
M Heng	S Kritzler	Version 3.7 USA	<i>{insert appropriate date}</i>
STANDARD OPERATING PROCEDURE			Page 2 of 3

Prior to reapplication, the heat exchange coils must be inspected and found to be free of accumulated soil. If soil or growth is found, the cause should be determined and corrected and then the coils cleaned in accordance with accepted industry practice.

4. APPARATUS

Spray gun with fine mist

5. DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner that is inconsistent with its labeling.

Read the entire Standard Operating Procedure before commencing [beginning] application.

5.1. AerisGuard™ BACT

Clean coils using Advanced Coil Cleaner *{other product names may be used in addition to or in place of this product}*.

Once the coils have been allowed to dry for at least 20 minutes application of AerisGuard BACT can begin. Some dampness of the coil is acceptable however the surface must not be visibly wet. To assist in coil drying, run the fan only, excluding the refrigeration cycle. In chilled water systems close the chilled water supply valve. In DX systems shut down compressor(s).

This treatment is best applied using the electric type airless spray gun suitable for inflammable coatings. Adjust spray mist to the finest particle size possible. The application rate should be at least 0.85 US pints / 10 sq. ft (400 ml/ M²) based on a 4" (100mm) deep coil at 12 FPI. Apply evenly to the coil ensuring the solution covers all fins and tubes and penetrates as deeply as possible into the coils. For best results apply from both sides of the coil. Also apply to drain pans and any other surface that is wet during normal operation.

A thin coating is all that is required on all coil surfaces to ensure an efficacious result. **For best results both sides of each coil need to be treated applying 2 light coats at 10 minute intervals.**

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9/9

AERIS ENVIRONMENTAL LTD			
BACT TREATMENT OF HEAT EXCHANGE COILS			SOP NO 002
PREPARED BY	CHECKED BY	SUPERCEDES <i>{version may change}</i>	ISSUE DATE
M Heng	S Kritzler	Version 3.7 USA	<i>{insert appropriate date}</i>
STANDARD OPERATING PROCEDURE			Page 3 of 3

5.2 CLEANING UP

Fill used spray unit with water and operate to ensure no traces of solution remain within the unit. Follow manufacturer's other maintenance procedures for the spray equipment.

Ensure no trace of work or cleaning related debris remains on completion of this process. The use of door mats and/or cardboard boxes at entry and exit points helps to keep this cleaning to a minimum.

5.3 PRODUCT CONTAINER AND PRODUCT DISPOSAL

PESTICIDE DISPOSAL: Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Completely empty package. Triple rinse with water. Offer for recycling or reconditioning if available. Dispose of package in a sanitary landfill or incinerate if allowed by State and local authorities. If burned stay out of smoke. Do not reuse or refill empty container.

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